

SECRET

25X1

FY-66 Quarterly Report No. 3

PAR 214

28 Feb 66

SUBJECT: Roller Transport Processor (12-Inch)

TASK/PROBLEM

1. Design and fabricate a versatile self-threading photographic processor capable of handling both cut sheet and continuous webs of photographic material and adaptable to a process yielding either standard negative or reversal images. Interchange between processes to be accomplished with a minimum of effort.

DISCUSSION

2. Polyethylene-surfaced rollers have been fabricated and shipped to the customer and will be installed by the contractor. The polyethylene-surfaced rollers will replace the Kralastic-surfaced rollers which contact wet film emulsion.

3. Phenolic side plates used in the construction of the dichromate bleach rack have been replaced by an epoxy-fiberglass material. Accelerated corrosion tests in potassium dichromate bleach indicate that the epoxy-fiberglass material will satisfactorily withstand corrosion from potassium dichromate.

4. Nylon drive gears used in the construction of the bleach rack will be replaced with gears fabricated from stainless steel.

PLANNED ACTIVITY

5. Install polyethylene-surfaced rollers.
6. Install rebuilt bleach rack.
7. Check out processor operation.

Declass Review by NGA.

SECRET**GROUP 1**
EXCLUDED FROM AUTOMATIC DOWNGRADING
AND DECLASSIFICATION